

<b>REQUEST FOR QUOTATION (THIS IS NOT AN ORDER)</b>			THIS RFQ <input type="checkbox"/> IS <input checked="" type="checkbox"/> IS NOT A SMALL BUSINESS SET-ASIDE			Page 1				
1. REQUEST NO. F42600-03-Q-5222		2. DATE ISSUED 22 Jul 2003		3. REQUISITION/PURCHASE REQUEST NO. FD20200325710		4. CERT. FOR NAT. DEF. UNDER BDSA REG. 2 AND/OR DMS REG. 1 <input checked="" type="checkbox"/>		RATING DO: A7		
5a. ISSUED BY DEPARTMENT OF THE AIR FORCE, DIRECTORATE OF CONTRACTING OO-ALC/LHKC BLDG 1228 6021 GUM LANE HILL AIR FORCE BASE UT 84056-5826 BUYER: Janet Robertson/LHKC janet.robertson@hill.af.mil Phone: (801) 586- 1289 Fax: (801) 586-3756 No Collect Calls						CODE: FA8217				
						6. DELIVERY BY (Date) <b>SEE SCHEDULE</b>				
5b. FOR INFORMATION CALL (NO COLLECT CALLS)						7. DELIVERY <input type="checkbox"/> FOB DESTINATION <input checked="" type="checkbox"/> OTHER (See Schedule)				
NAME Janet Robertson			TELEPHONE NUMBER			9. DESTINATION				
			AREA CODE (801)			NUMBER 586-1289				
8. TO						a. NAME OF CONSIGNEE				
a. NAME			b. COMPANY			b. STREET ADDRESS				
c. STREET ADDRESS						c. CITY				
d. CITY			e. STATE		f. ZIP CODE		d. STATE		e. ZIP CODE	
10. PLEASE FURNISH QUOTATIONS TO THE ISSUING OFFICE IN BLOCK 5A ON OR BEFORE CLOSE OF BUSINESS (Date) 14 Aug 2003			IMPORTANT: This is a request for information, and quotations furnished are not offers. If you are unable to quote, please so indicate on this form and return it to the address in Block 5A. This request does not commit the Government to pay any costs incurred in the preparation of the submission of this quotation or to contract for supplies or services. Supplies are of domestic origin unless otherwise indicated by quoter. Any representations and/or certifications attached to this Request for Quotations must be completed by the quoter.							
11. SCHEDULE (Include applicable Federal, State and local taxes)										
ITEM NO. (a)	SUPPLIES/SERVICES (b)				QUANTITY (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)		
	<b>SEE SCHEDULE</b>  ROUTINE. Subject to the terms and conditions stated herein, the Contractor agrees to hold its offered prices firm for <u>30</u> days.									
Approved source: Northrop Grumman, cage code 97942										
NAICS CODE: SIZE STD:										
12. DISCOUNT FOR PROMPT PAYMENT <input checked="" type="checkbox"/>		a. 10 CALENDAR DAYS (%)		b. 20 CALENDAR DAYS (%)		c. 30 CALENDAR DAYS (%)		d. CALENDAR DAYS		
								NUMBER	PERCENTAGE	
NOTE: Additional provisions and representations <input checked="" type="checkbox"/> are <input type="checkbox"/> are not attached.										
13. NAME AND ADDRESS OF QUOTER						14. SIGNATURE OF PERSON AUTHORIZED TO SIGN QUOTATION		15. DATE OF QUOTATION		
a. NAME OF QUOTER  CAGE:										
b. STREET ADDRESS						16. SIGNER				
c. COUNTY						a. NAME (Type or print)		b. TELEPHONE		
								AREA CODE		
d. CITY			e. STATE		c. TITLE (Type or print)		NUMBER			

FOLD

FOLD

**SOLICITATION NO.** F4260003Q5222

**DUE:** --

**FROM:**

**AFFIX  
STAMP  
HERE**

**TO:**

**ATTN:** Janet Robertson/LHKC  
DEPARTMENT OF THE AIR FORCE, DIRECTORATE OF CONTRACTING  
OO-ALC/LHKC BLDG 1228  
6021 GUM LANE  
HILL AIR FORCE BASE UT 84056-5826

**PART I - THE SCHEDULE  
SECTION B  
SUPPLIES OR SERVICES AND PRICES/COSTS**

Item No.  
0001

Firm Fixed Price  
Quantity U/I  
1 EA

NSN: 5995-01-261-5166 ZR

Cable Assembly

Manufacturer Part Number  
97942 1D20326G01

**Purchase Request(s)** **PR Line Item(s)** **IM Code**  
FD2020-03-25710-01 0001 ZAS

Buy American Act/Balance of Payments Program

**Physical Item Markings:**

IAW MIL-STD-130

**Bid A - First Article Qualification Test Plan**

Item No.  
0001AA

Firm Fixed Price  
Quantity U/I Unit Price Amount  
1 LO \$

First Article Qualification Test Plan

**Purchase Request(s)** **PR Line Item(s)** **IM Code**  
FD2020-03-25710-01 0002 ZAS

**ACRN:** AA \$

**Inspection:** Destination

**Acceptance:** Destination

**Quality Assurance:** Inspection IAW DD 1423

☐ **Transportation From Continental United States CONUS (CONUS) Sources**

TYPE / SHIP TO CODE

F.O.B.

IAW DD Form 1423

IAW DD Form 1423

	<b>Type / Ship To</b>	<b>PACRN</b>	<b>Mark For</b>	
	IAW DD Form 1423			
<b>Required Delivery</b>	<b>Type/Ship To</b>	<b>Quantity (U/I)</b>	<b>Req No / Pri</b>	
	IAW DD Form 1423	1 LO		
	A001			
<b>Proposed Delivery</b>	IAW DD Form 1423			
	A001			

**Bid A - First Article Test/Inspection Report**

Item No.  
0001AB

Firm Fixed Price

<u>Quantity</u>	<u>U/I</u>	<u>Unit Price</u>	<u>Amount</u>
1	LO	\$	\$

TEST/INSPECTION REPORT

<b>Purchase Request(s)</b> FD2020-03-25710-01	<b>PR Line Item(s)</b> 0003	<b>IM Code</b> ZAS
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**ACRN:** AA \$

**Inspection:** Destination

**Acceptance:** Destination

**Quality Assurance:** Inspection IAW DD 1423

☐ **Transportation From Continental United States CONUS (CONUS) Sources**

<u>TYPE / SHIP TO CODE</u>	<u>F.O.B.</u>
IAW DD Form 1423	IAW DD Form 1423

	Type / Ship To	PACRN	Mark For	
<b>Required Delivery</b>	IAW DD Form 1423			
	Type/Ship To	Quantity (U/I)	-	Req No / Pri
<b>Proposed Delivery</b>	IAW DD Form 1423	1 LO		
	A002			
	IAW DD Form 1423	1 LO		
	A002			

**Bid A - First Article \*\***

Item No.  
0001AC

Firm Fixed Price

<u>Quantity</u>	<u>U/I</u>	<u>Unit Price</u>	<u>Amount</u>
1	EA	\$	\$

First Article

<b>Purchase Request(s)</b> FD2020-03-25710-01	<b>PR Line Item(s)</b> 0001	<b>IM Code</b> ZAS
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**Inspection:** Origin

**Acceptance:** Destination

Inspection/Acceptance Report: DD250 Required

**Quality Assurance:** Standard

☐ **Transportation From Continental United States CONUS (CONUS) Sources**

<u>TYPE / SHIP TO CODE</u>	<u>F.O.B.</u>
FB2029	ORIGIN

	Type / Ship To	PACRN	Mark For	
<b>Required Delivery</b>	FB2029	PAA	Acct 09	
	Type/Ship To	Quantity (U/I)	*ARO Written Notice of Award	Req No / Pri
	FB2029	1 EA	*060 Days	N/A

**Proposed  
Delivery**

FB2029

1 EA

N/A

\*\* Note: 1 each approved First Article constitutes 1 each production item.

**Bid B – No First Article Required**

Item No.  
0001AD

Firm Fixed Price

<u>Quantity</u>	<u>U/I</u>	<u>Unit Price</u>	<u>Amount</u>
1	EA	\$	\$

Cable Assembly

<b>Purchase Request(s)</b>	<b>PR Line Item(s)</b>	<b>IM Code</b>
FD2020-03-25710-01	0001	ZAS

**Inspection:** Origin

**Acceptance:** Origin

Inspection/Acceptance Report: DD250 Required

**Quality Assurance:** Standard

☐ **Transportation From Continental United States CONUS (CONUS) Sources**

<u>TYPE / SHIP TO CODE</u>	<u>F.O.B.</u>
FB2029	ORIGIN

	<b>Type / Ship To</b>	<b>PACRN</b>	<b>Mark For</b>		<b>Req No / Pri</b>
<b>Required Delivery</b>	FB2029	PAA	Acct 09	-	
	Type/Ship To	Quantity	*ARO Written		
	FB2029	(U/I)	Notice of Award		
		1 EA	*060 Days		N/A
<b>Proposed Delivery</b>	FB2029	1 EA			

**SHIP TO / PLACE OF PERFORMANCE**

TYPE/CODE: FB2029

MARK FOR: (See Individual Line Item)  
REQUISITION NUMBER: (See Individual Line Item)  
REQUISITION PRIORITY: (See Individual Line Item)  
CONTRACT NUMBER:

TYPE/CODE: A FB2029  
DDHU HILL FACILITY  
CENTRAL RECEIVING BLDG 849W  
5851 F AVE  
HILL AFB, UT 84056-5713  
UNITED STATES

MARK FOR: (See Individual Line Item)  
REQUISITION NUMBER: (See Individual Line Item)  
REQUISITION PRIORITY: (See Individual Line Item)  
CONTRACT NUMBER:

**PART I - THE SCHEDULE  
SECTION C  
DESCRIPTION/SPECIFICATIONS/STATEMENT OF WORK**

**252.211-7005 SUBSTITUTIONS FOR MILITARY OR FEDERAL SPECIFICATIONS AND STANDARDS**  
(FEB 2003)  
(IAW DFARS 211.273-4)

(b) Offerors are encouraged to propose SPI processes in lieu of military or Federal specifications and standards cited in the solicitation. A listing of SPI processes accepted at specific facilities is available via the Internet in Excel format at <http://www.dema.mil/onebook/7.0/7.2.7.2.6/reports/modified.xls>.

(d) (Offeror insert information for each SPI process)

SPI Process: \_\_\_\_\_

Facility: \_\_\_\_\_

Military or Federal Specification or Standard: \_\_\_\_\_

Affected Contract Line Item Number, Subline Item Number, Component, or Element:

\_\_\_\_\_  
\_\_\_\_\_

**PART I - THE SCHEDULE  
SECTION D  
PACKAGING AND MARKING**

**ITEM IDENTIFICATION MARKING AND SHELF LIFE ITEM PROVISIONS (FEB 1998)**  
(IAW AFMCI 23-102 Chapter 6 Paragraph 6.2.7.3.)

Requirements set forth below shall apply to any contract issued thereon and will take precedence over other inconsistent requirements herewith. All standards, bulletins, and publications referenced herein shall be of the issue in effect on the date of this document.

**1. PHYSICAL MARKING OF ITEMS:**

MIL-STD-130: Items shall be marked in accordance with MIL-STD-130. The National Stock Number (NSN), and when assigned, the Configuration Item Identifier (CII), serial number, and military type designation information shall be marked on major assemblies, units, groups, and sets. Special attention must be given to requirements governing the application of the actual manufacturer's Federal Supply Code for Manufacturers (FSCM) to the physical item.

Items which are excluded in accordance with paragraph 1.1 of MIL-STD-130, Revision K, shall be marked in accordance with the appropriate document.

2. PACKAGE AND CONTAINER MARKING: Shipments will not be made until the NSN has been assigned, unless specifically authorized by the Contracting Officer.

MIL-STD-129/ASTM-D-3951:

a. Interior packages and shipping containers shall be marked in accordance with MIL-STD-129 when Military packing is specified and ASTM-D-3951 when commercial packaging is specified. The requirements of paragraph 2.h apply regardless of which packaging is utilized.

(1) Design manufacturer's name, trademark or manufacturer's code (from Cataloging Handbook H4-1 or H4-2), identifying number, and serial number, when applicable, shall be included in the identification marking.

(2) When applicable, the Air Force project designator code shall be included as the last line of the address marking and the project name related to the project code shall be marked in the clear on the exterior shipping container.

b. Tags and labels, when required, shall be contractor's tags or labels conforming to the requirements of MIL-STD-129 or as approved by the procuring activity. Contractor's forms which indicate serviceable condition shall not be any shade of green or red. Labels are authorized to be used on metal containers. Items requiring technical order (T.O.) certification shall be annotated on inner and outer container tags or label with T.O. compliance.

c. When dummy containers are used in a unitized load, the dummy containers shall be clearly marked "DUMMY CONTAINER" and located in the load so that the marking will be plainly visible to receiving and storage personnel.

d. All interior packages and shipping containers for articles and materials classified as hazardous or restricted under provisions of Title 49, Code of Federal Regulations, or AFR 71-4/DLAM 4145.3/TM 38-250/NAVSUP PUB 505/MCO P 4030.19 shall be marked, regardless of exemption for mode of transportation, with proper shipping name of item; flash point of all liquids having a flash point of 200 degrees F. or below; and percentage concentration of acids and corrosive liquids. In addition, the quantity of each hazardous or restricted material included in a container shall be annotated adjacent to the shipping name of the item, e.g., Acetic Acid (80% concentration) -- 1 qt.

e. On shipments of firearms regardless of mode of transportation, selected elements of identification and contractor data markings shall be omitted or obliterated in accordance with the requirements of MIL-STD-129 regarding sensitive items and packing lists shall be placed only inside the containers.

f. Special markings for packages and containers when specified on AFMC Form 158 shall be complied with as a part of MIL-STD-129.

g. All special coated terneplate containers shall be marked with the legend "CAUTION--DO NOT REUSE AS FOOD CONTAINERS."

h. Bar code markings in accordance with MIL-STD-129 and MIL-STD-1189 shall apply to all units, intermediate and exterior containers for all items going into stock regardless of package size or levels of package specified (including commercial packaging). In addition to the NSN/NATO stock number, the exterior shipping container shall include the 13 digit contract number (plus, if applicable, the four digit call number). Excluded from Bar Code Marking are:

(1) Foreign Military Sales.

(2) Direct Vendor Delivery (DVD)/Government Furnished Equipment (GFE) shipments.

(3) Multipack Exterior Shipping Containers. (Unit and intermediate containers do require a bar coded NSN/NATO stock number. However, the next container (unit or intermediate) inside the multipack will also require a bar coded NSN/NATO stock number and contract number with call number, if applicable, in the lower right hand corner).

(4) All unpacked or uncrated items; e.g., vehicles, tires, etc.

i. Shipments of wheeled items weighing 2,000 pounds or more and scheduled for transportation by military aircraft will be marked with the individual axle weights in accordance with MIL-STD-129.

3. WARRANTED ITEMS: When the contract contains warranty requirements, warranty information shall be applied on containers and items as follows:

- a. Container markings shall be as specified in MIL-STD-129. The period or conditions of the warranty shall be specifically stated, i.e., landings, flight hours, operating hours, days from shipping date, etc.
- b. Items shall be marked in accordance with requirements of MIL-STD-130. Markings shall be located in a manner so as to be conspicuous to the person removing the item from service. When no deleterious effect or functional degradation is caused, the markings shall be black letters on yellow FED-STD-595 color 13655) background. The marking shall include the same period or condition required on the containers.

#### 4. SHELF LIFE ITEMS

##### a. MARKING

- (1) Shelf life items shall be marked in accordance with MIL-STD-129.
- (2) Mark items controlled in MIL-STD-1523, or in specifications furnished as a part of the contract or purchase order, with the cure or assembly dates specified therein.

b. DELIVERY. Unless specified otherwise in the contract, shelf life items shall have a minimum of 90% of the "storage period" remaining at the time of delivery to the Government.

**5352.247-9005** **SHIPPING CONTAINER MARKING (AFMC)** (MAR 2003)  
(IAW AFMCFARS 5347.305-10(a)(91), (93), (94), (95))

(a) MIL-STD-129 P

(b) MIL-STD-129 P

(c) Additional marking and/or bar coding requirement exceeding those of Mil-STD-129 P  
All shipping containers shall be marked using the following criteria:

PACRN(s) Applicable to 5352.247-9005	Additional Bar Coding or Marking Requirements
PAA	Not Applicable

**5352.247-9009** **MILITARY PACKAGING AND MARKING (AFMC)** (AUG 2002)  
(IAW AFMCFARS 5347.305-10(a)(95))

Items shall be packaged in accordance with MIL-STD-2073-1 D, Standard Practice for Military Packaging. Shipping and storage markings shall be in accordance with MIL-STD-129 P, Standard Practice for Military Marking.

The MIL-STD-2073-1 SPI/Specification is as follows:

PACRN	PACKAGING LVL	PACK LVL	QUP	SPI NUMBER	SPI REVISION	SPI DATE
PAA	MIL		001			

#### PART I - THE SCHEDULE SECTION E INSPECTION AND ACCEPTANCE

**52.246-2** **INSPECTION OF SUPPLIES--FIXED-PRICE** (AUG 1996)  
(IAW FAR 46.302)

**52.246-16** **RESPONSIBILITY FOR SUPPLIES** (APR 1984)  
(IAW FAR 46.316)

**252.246-7000** **MATERIAL INSPECTION AND RECEIVING REPORT** (MAR 2003)  
(IAW DFARS 246.370)



**INSPECTION AND ACCEPTANCE (SEP 1999)**  
(IAW FAR 46.401(b), FAR 46.503)

Government Contract Quality Assurance Inspection and Acceptance will be at (Final):
Item No(s): See schedule for items with the following code(s) listed below :
Inspection Code and Address:

**9952.946-E501**

**MATERIAL INSPECTION AND RECEIVING REPORT (AUG 2002)**

(a) As specified by DFARS, Appendix F, Table 2, a copy of DD Forms 250 shall be forwarded to the following address:

(1) Forward the purchasing office copy to:

DEPARTMENT OF THE AIR FORCE  
DIRECTORATE OF CONTRACTING  
OO-ALC/LHKS BLDG 1239  
6012 FIR AVENUE  
HILL AIR FORCE BASE, UT 84056-5820  
UNITED STATES

(2) For shipments involving Military Assistance Program (MAP), Grant Aid (GA), or Foreign Military Sales (FMS) requirements, an additional copy shall be sent to:

**Not Applicable**

(3) Additional distribution of DD Forms 250 is to be made to the following address(es):

DEPARTMENT OF THE AIR FORCE  
DIRECTORATE OF CONTRACTING  
OO-ALC/LHKS BLDG 1228  
6021 Gum Lane Attn: Marilyn Alder  
HILL AIR FORCE BASE, UT 84056-5838  
UNITED STATES

(b) These special instructions shall be included in any subcontract hereunder where the items purchased from the subcontractor are to be shipped directly to the U.S. Government or to a foreign destination.

(c) If delivery of MAP, GA, or FMS items to foreign destinations is required, the copies of DD Forms 250 required by DFARS, Appendix F, Table 2, Material Inspection and Receiving Report, Special Distribution, shall be forwarded to the "ship to" address designated in the contract.

**PART I - THE SCHEDULE**  
**SECTION F**  
**DELIVERIES OR PERFORMANCE**

**52.211-8**

**TIME OF DELIVERY (JUN 1997)**  
(IAW FAR 11.404(a)(2))

DELIVERY FOR EACH ITEM IS ANNOTATED IN THE SCHEDULE (PART I SECTION B) UNDER EACH LINE ITEM.

**52.211-8**

**TIME OF DELIVERY -- ALTERNATE III (APR 1984)**  
(IAW FAR 11.404(a)(2))

**52.242-17**                    **GOVERNMENT DELAY OF WORK** (APR 1984)  
(IAW FAR 42.1305(d))

**52.247-48**                    **F.O.B. DESTINATION--EVIDENCE OF SHIPMENT** (FEB 1999)  
(IAW FAR 47.305-4(c))

<b>Applicable Item No(s)</b>
<b>0001AA &amp; 0001AB</b>

**52.247-65**                    **F.O.B. ORIGIN, PREPAID FREIGHT--SMALL PACKAGE SHIPMENTS** (JAN 1991)  
(IAW FAR 47.303-17(f))

**F.O.B. ORIGIN** (OCT 1993)  
(IAW FAR 47.305(b))

Any supply item applicable to this document shall be delivered F.O.B. at:

<b>F.O.B. Address</b>

**9952.947-F501**              **UNILATERAL AMENDED SHIPPING INSTRUCTIONS (ASIs), F.O.B.** (SEP 2002)

(a) An ASI is a change to the shipping instructions of one or more units or shipment lots of a contract line item. Multiple ASIs for multiple contract line items may be issued under one document.

(b) Unilateral ASIs with changes only to the "Ship To and Mark For" instructions, issued 20 calendar days or more before the contract scheduled delivery date, shall be accepted by the Contractor at no change in contract price.

(c) All other ASIs, including those requiring a change to the "Ship To and Mark For" which are issued 19 days or less before the contract scheduled delivery date; and those for changes to the preservation, packaging, and packing requirements, or the f.o.b. point; shall be subject to the negotiation of an equitable adjustment under the contract.

**9952.947-F502**              **COMMERCIAL BILL OF LADING SHIPMENTS-CARRIER'S RATES** (SEP 2002)

The Contractor shall ensure that proposed carrier's rates are equal to or better than rates available to the Government. Contact the transportation officer for this contract, as identified by the Administrative Contracting Officer, for confirmation that the proposed carrier's rates are no higher than those otherwise available to the Government. List the shipping costs on the invoice to the Government and attach a copy of the carrier's billing. Failure to properly annotate the invoice and provide a copy of the carrier's billing may result in those costs not being reimbursed or only partially reimbursed.

**PART I - THE SCHEDULE**  
**SECTION G**  
**CONTRACT ADMINISTRATION DATA**

**ACCOUNTING AND APPROPRIATION DATA** (AUG 1998)

Accounting and Appropriation Chargeable			Amount Chargeable
Funds Citation			\$
ACRN			
AA: 97X4930 .FC04 64 3 47 E3 15407L 01N000 00000 LH407L 672300 F7230G			

**9952.232-G502                      TRANSPORTATION APPROPRIATION CHARGEABLE (FEB 2003)**

The Transportation Allotment Identification (TAI) relates directly to the above ACRN(s). For example the TAI "TAA" is for the same line item(s) as ACRN "AA".

FMS TRANSPORTATION ALLOTMENT SHALL BE USED ONLY WHEN SHIPMENT ON GOVERNMENT BILL OF LADING IS AUTHORIZED

Insert 3 if movement via surface mode or 2 if movement via airlift in place of any "#" shown.

Insert last digit of current fiscal year in place of any asterisk "\*" shown when material is shipped.

TAI     ALLOTMENT

TAA: 97X4930 FC04 47E3 15407L 01N000 00000 LH407L 672300 F7230G

**PART II - CONTRACT CLAUSES  
SECTION I  
CONTRACT CLAUSES**

**252.204-7003                      CONTROL OF GOVERNMENT PERSONNEL WORK PRODUCT (APR 1992)**  
(IAW DFARS 204.404-70(b))

**252.204-7004                      REQUIRED CENTRAL CONTRACTOR REGISTRATION (NOV 2001)**  
(IAW DFARS 204.7304)

**52.211-5                          MATERIAL REQUIREMENTS (AUG 2000)**  
(IAW FAR 11.304)

**52.211-15                        DEFENSE PRIORITY AND ALLOCATION REQUIREMENTS (SEP 1990)**  
(IAW FAR 11.604(b))

This is a rated order certified for national defense use, and the Contractor shall follow all the requirements of the Defense Priorities and Allocations System regulation (15 CFR 700).

**52.213-4                        TERMS AND CONDITIONS--SIMPLIFIED ACQUISITIONS (OTHER THAN COMMERCIAL ITEMS) (JUN 2003)**  
(IAW FAR 13.302-5(d))

The full text of a clause may be accessed electronically at this/these address(es): Regulations URLs: (Click on the appropriate regulation.)

<http://farsite.hill.af.mil/reghtml/regs/far2afmcfars/fardfars/far/far1toc.htm>

<http://farsite.hill.af.mil/reghtml/regs/far2afmcfars/fardfars/dfars/dfar1toc.htm>

[http://farsite.hill.af.mil/reghtml/regs/far2afmcfars/af\\_afmc/affars/affar1toc.htm](http://farsite.hill.af.mil/reghtml/regs/far2afmcfars/af_afmc/affars/affar1toc.htm)

[http://farsite.hill.af.mil/reghtml/regs/far2afmcfars/af\\_afmc/afmcfars/afmc1toc.htm](http://farsite.hill.af.mil/reghtml/regs/far2afmcfars/af_afmc/afmcfars/afmc1toc.htm)

**NOTE:** After selecting the appropriate regulation above, at the "Table of Contents" page conduct a search for the desired regulation reference, using your browser's **FIND** function. When located, click on the **regulation reference** (hyperlink).

**(Paragraph (b)(1)(viii), FAR 52.225-1. Buy American Act--Supplies (May 2002) is not applicable to DoD)**

**52.215-8                        ORDER OF PRECEDENCE--UNIFORM CONTRACT FORMAT (OCT 1997)**  
(IAW FAR 15.209(h))

**52.222-21                        PROHIBITION OF SEGREGATED FACILITIES (FEB 1999)**  
(IAW FAR 22.810(a)(1))

**52.223-11 OZONE-DEPLETING SUBSTANCES (MAY 2001)**  
(IAW FAR 23.804(a))

(b)

**WARNING**

Contains (or manufactured with, if applicable) \_\_\_\_\_\*, a substance(s) which harm(s) public health and environment by destroying ozone in the upper atmosphere."

\*The Contractor shall insert the name of the substance(s).

**5352.223-9000 ELIMINATION OF USE OF CLASS I OZONE DEPLETING SUBSTANCES (ODSs)**  
(APR 2003)  
(IAW AFFARS 5323.804(c))

(c) The requiring activity has obtained SAO approval to permit the contractor to use the following Class I ODS(s).

**List each Class I ODS, its applications or use and the approved quantities for use throughout the length of the contract. If "None," so state.**

Item No	Class I ODS	Application or Use	Quantity (lbs) per contract period performance
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**252.225-7001 BUY AMERICAN ACT AND BALANCE OF PAYMENTS PROGRAM (APR 2003)**  
(IAW DFARS 225.1101(2))

**252.225-7002 QUALIFYING COUNTRY SOURCES AS SUBCONTRACTORS (APR 2003)**  
(IAW DFARS 225.1101(3))

**252.225-7011 RESTRICTION ON ACQUISITION OF SUPERCOMPUTERS (APR 2003)**  
(IAW DFARS 225.7012-3)  
(Applicable to the acquisition of supercomputers)

**252.225-7016 RESTRICTION ON ACQUISITION OF BALL AND ROLLER BEARINGS (APR 2003)**  
(IAW DFARS 225.7009-4(a))

**252.225-7016 RESTRICTION ON ACQUISITION OF BALL AND ROLLER BEARINGS -- ALTERNATE I (APR 2003)**  
(IAW DFARS 225.7009-4(b))  
(Applicable when simplified acquisition procedures are used)

**252.225-7019 RESTRICTION ON ACQUISITION OF ANCHOR AND MOORING CHAIN (APR 2003)**  
(IAW DFARS 225.7007-3)  
(Unless a waiver has been granted, applicable when requiring welded shipboard anchor or mooring chain of four inches or less in diameter)

**252.225-7022 RESTRICTION ON ACQUISITION OF POLYACRYLONITRILE (PAN) CARBON FIBER (APR 2003)**  
(IAW DFARS 225.7103-3)  
(Applicable to major systems)

**252.225-7023 RESTRICTION ON ACQUISITION OF VESSEL PROPELLERS (DEC 2000)**  
(IAW DFARS 225.7010-4)  
(Applicable to fiscal year 2000 or 2001 funds for the acquisition of vessels or vessel propellers, unless an exception applies or a waiver has been granted; or the vessels being acquired do not contain vessel propellers)

- 252.225-7025 RESTRICTION ON ACQUISITION OF FORGINGS (APR 2003)**  
(IAW DFARS 225.7102-4)  
(Applicable to orders which contain the restricted items in DFARS 225.7102-1 or an exception in 225.7102-2 applies)
- 252.225-7030 RESTRICTION ON ACQUISITION OF CARBON, ALLOY, AND ARMOR STEEL PLATE**  
(APR 2003)  
(IAW DFARS 225.7011-3)  
(Applicable when solicitations or contracts (a) require the delivery to the Government of carbon, alloy or armor steel plate which will be used in a facility owned by the Government or under the control of DoD, or (b) require contractors operating in a Government-owned facility or facility under the control of DoD to purchase carbon, alloy or armor steel plate)
- 252.225-7038 RESTRICTION ON ACQUISITION OF AIR CIRCUIT BREAKERS (APR 2003)**  
(IAW DFARS 225-7006-4(b))  
(Applicable to the acquisition of air circuit breakers)
- 252.225-7039 RESTRICTION ON ACQUISITION OF TOTALLY ENCLOSED LIFEBOAT SURVIVAL SYSTEMS (APR 2003)**  
(IAW DFARS 225.7008-4)  
(Applicable when delivery of totally enclosed lifeboat survival systems is required)
- 52.232-23 ASSIGNMENT OF CLAIMS (JAN 1986)**  
(IAW FAR 32.806(a)(1))
- 52.232-33 PAYMENT BY ELECTRONIC FUNDS TRANSFER--CENTRAL CONTRACTOR REGISTRATION (MAY 1999)**  
(IAW FAR 32.1110(a) (1))
- 252.232-7003 ELECTRONIC SUBMISSION OF PAYMENT REQUESTS (MAR 2003)**  
(IAW DFARS 232.7004)
- 52.243-1 CHANGES--FIXED-PRICE (AUG 1987)**  
(IAW FAR 43.205(a)(1))
- 252.243-7001 PRICING OF CONTRACT MODIFICATIONS (DEC 1991)**  
(IAW DFARS 243.205-70)
- 52.247-1 COMMERCIAL BILL OF LADING NOTATIONS (APR 1984)**  
(IAW FAR 47.104-4(a), FAR 47.104-4(b))
- 252.247-7023 TRANSPORTATION OF SUPPLIES BY SEA (MAY 2002)**  
(IAW DFARS 247.573(b)(1))
- 252.247-7023 TRANSPORTATION OF SUPPLIES BY SEA -- ALTERNATE III (MAY 2002)**  
(IAW DFARS 247.573(b)(4))

**PART III - LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS**  
**SECTION J**  
**LIST OF ATTACHMENTS**

<u>Form Number</u>	<u>Title</u>	<u>Date</u>	<u>Number of Pages</u>
00-ALC FORM 462 DD FOR 1423	ENGINEERING DATA LIST	12FEB2003	1
	ENGINEERING DATA REQUIREMENTS	12FEB2003	1
	CONTRACT DATA REQUIREMENTS LIST	21 JUL 2003	3
DD FORM 1423	A001		
	CONTRACT DATA REQUIREMENTS LIST	21 JUL 2003	6
	A002		

**PART IV - REPRESENTATIONS AND INSTRUCTIONS**  
**SECTION K**  
**REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS**  
**OF OFFERORS OR RESPONDENTS**

**52.204-3 TAXPAYER IDENTIFICATION (OCT 1998)**  
(IAW FAR 4.905)

(d) Taxpayer Identification Number (TIN).

- ☐ TIN: \_\_\_\_\_.
- ☐ TIN has been applied for.
- ☐ TIN is not required because:
- ☐ Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the United States and does not have an office or place of business or fiscal paying agent in the United States;
  - ☐ Offeror is an agency or instrumentality of a foreign government;
  - ☐ Offeror is an agency or instrumentality of the Federal Government;

(e) Type of organization.

- ☐ Sole proprietorship
- ☐ Partnership
- ☐ Corporate entity (not tax-exempt);
- ☐ Corporate entity (tax-exempt);
- ☐ Government entity (Federal, State, or Local);
- ☐ Foreign government;;
- ☐ International organization per 26 CFR 1.6049-4;
- ☐ Other \_\_\_\_\_

(f) Common Parent.

- ☐ Offeror is not owned or controlled by common parent as defined in paragraph (a) of this provision.
- ☐ Name and TIN of common parent:

Name \_\_\_\_\_

TIN \_\_\_\_\_

**52.219-1 SMALL BUSINESS PROGRAM REPRESENTATIONS (APR 2002)**  
(IAW FAR 19.307(a)(1))

- (a) (1) (See Page 1).
- (2) (See Page 1).

(b) Representation.

- (1) ☐ is, ☐ is not a small business concern.
- (2) *[Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.]*
- ☐ is, ☐ is not a small disadvantaged business concern
- (3) *[Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.]*
- ☐ is, ☐ is not a women-owned small business concern.
- (4) *[Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.]*
- ☐ is, ☐ is not a veteran-owned small business concern.
- (5) *[Complete only if the offeror represented itself as a veteran-owned small business concern in paragraph (b)(4) of this provision.]*
- ☐ is, ☐ is not a service-disabled veteran-owned small business concern.
- (6) *[Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.]* The offeror represents, as part of its offer, that--
- (i) It ☐ is, ☐ is not a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration, and no material change in ownership and control, principal office, or HUBZone employee percentage has occurred since it was certified by the Small Business Administration in

accordance with 13 CFR part 126; and  
(ii) It ☐ is, ☐ is not a joint venture that complies with the requirements of 13 CFR part 126, and the representation in paragraph (b)(6)(i) of this provision is accurate for the HUBZone small business concern or concerns that are participating in the joint venture. [The offeror shall enter the name or names of the HUBZone small business concern or concerns that are participating in the joint venture:\_\_\_\_\_]. Each HUBZone small business concern participating in the joint venture shall submit a separate signed copy of the HUBZone representation.

**52.219-1 SMALL BUSINESS PROGRAM REPRESENTATIONS -- ALTERNATE I (APR 2002)**  
(IAW FAR 19.307(a)(2))

(b)(7) [Complete if offeror represented itself as disadvantaged in paragraph (b)(2) of this provision.] The offeror shall check the category in which its ownership falls:

- ☐ Black American.
- ☐ Hispanic American.
- ☐ Native American (American Indians, Eskimos, Aleuts, or Native Hawaiians).
- ☐ Asian-Pacific American (persons with origins from Burma, Thailand, Malaysia, Indonesia, Singapore, Brunei, Japan, China, Taiwan, Laos, Cambodia (Kampuchea), Vietnam, Korea, The Philippines, U.S. Trust Territory of the Pacific Islands (Republic of Palau), Republic of the Marshall Islands, Federated States of Micronesia, the Commonwealth of the Northern Mariana Islands, Guam, Samoa, Macao, Hong Kong, Fiji, Tonga, Kiribati, Tuvalu, or Nauru).
- ☐ Subcontinent Asian (Asian-Indian) American (persons with origins from India, Pakistan, Bangladesh, Sri Lanka, Bhutan, the Maldives Islands, or Nepal).
- ☐ Individual/concern, other than one of the preceding.

**52.222-22 PREVIOUS CONTRACTS AND COMPLIANCE REPORTS (FEB 1999)**  
(IAW FAR 22.810(a)(2))

The offeror represents that--

(a) It ☐ has, ☐ has not participated in a previous contract or subcontract subject to the Equal Opportunity clause of this solicitation;

(b) It ☐ has, ☐ has not, filed all required compliance reports;

**52.222-25 AFFIRMATIVE ACTION COMPLIANCE (APR 1984)**  
(IAW FAR 22.810(d))

The offeror represents that

(a) it ☐ has developed and has on file, ☐ has not developed and does not have on file,

(b) it ☐ has not previously had contracts

**252.225-7000 BUY AMERICAN ACT--BALANCE OF PAYMENTS PROGRAM CERTIFICATE**  
(APR 2003)  
(IAW DFARS 225.1101(1))

(c) *Certifications.*

(2) The Offeror certifies that the following end products are qualifying country end products:

Line Item Number	Country of Origin
------------------	-------------------

(3) The following end products are other foreign end products.

Non-qualifying Country End Products

Line Item Number	Country of Origin (If Known)
------------------	------------------------------

**252.225-7018 NOTICE OF PROHIBITION OF CERTAIN CONTRACTS WITH FOREIGN ENTITIES FOR THE CONDUCT OF BALLISTIC MISSILE DEFENSE RESEARCH,**



**DEVELOPMENT, TEST, AND EVALUATION (APR 2003)**  
(IAW DFARS 225.7017-4)

(d) The Offeror [ ] is [ ] is not a U.S. firm.

(Applicable to all competitively negotiated Ballistic Missile Defense Program solicitations for research, development, test, and evaluation, unless foreign participation is otherwise excluded)

**PART IV - REPRESENTATIONS AND INSTRUCTIONS**  
**SECTION L**  
**INSTRUCTIONS, CONDITIONS, AND NOTICES TO OFFERORS OR RESPONDENTS**

**52.204-6 DATA UNIVERSAL NUMBERING SYSTEM (DUNS) NUMBER (JUN 1999)**  
(IAW FAR 4.603(a), and DFARS 204.603)

(a) The offeror shall enter, in the block with its name and address on the cover page of its offer, the annotation "DUNS" followed by the DUNS number that identifies the offeror's name and address exactly as stated in the offer. The DUNS number is a nine-digit number assigned by Dun and Bradstreet Information Services.

(b) If the offeror does not have a DUNS number, it should contact Dun and Bradstreet directly to obtain one. A DUNS number will be provided immediately by telephone at no charge to the offeror. For information on obtaining a DUNS number, the offeror, if located within the United States, should call Dun and Bradstreet at 1-800-333-0505. The offeror should be prepared to provide the following information:

- (1) Company name.
- (2) Company address.
- (3) Company telephone number.
- (4) Line of business.
- (5) Chief executive officer/key manager.
- (6) Date the company was started.
- (7) Number of people employed by the company.
- (8) Company affiliation.

(c) Offerors located outside the United States may obtain the location and phone number of the local Dun and Bradstreet Information Services office from the Internet Home Page at <http://www.customerservice@dnb.com> If an offeror is unable to locate a local service center, it may send an e-mail to Dun and Bradstreet at [globalinfo@mail.dnb.com](mailto:globalinfo@mail.dnb.com).

(The above Clause/Provision has been modified.)

**FIRST ARTICLE APPLICABILITY AND/OR CONDITIONS FOR WAIVER (OCT 1988)**  
(IAW FAR 9.306(c))

(a) First Article Testing is a requirement of this contract. This requirement may be waived by the Contracting Officer, if the bidder/offeror meets any one of the conditions for waiver listed below \*\*\* and in the instance of a prior contract, not more than \_\_\_\_\* months have elapsed since the completion of that contract:

*Item No	*Months Since Completion of Contract
----------	--------------------------------------

(b) Bidders who meet the conditions for waiver set forth below shall submit a bid or proposal on Bid/Offer "B" which does not require compliance with the First Article Approval provision set forth herein and furnish the following information in the individual solicitation: Contract No. \_\_\_\_\_, Contract Item No. \_\_\_\_\_, Date of Contract. \_\_\_\_\_, Name & Address of Government Agency issuing the Contract.

**Failure to include this information will render the IFB(s) non-responsive and may cause rejection of RFP's.**

(c) Bidders/offerors who do not meet the conditions for waiver set forth below shall submit a bid on Bid/Offer, "A" which includes compliance with First Article Approval.

(d) Performance or other characteristics, which the First Article must meet, and detailed technical data requirements for testing of the First Article (including necessary data to be submitted in First Article Test Report, if applicable) are as set forth in this solicitation.

(e) The approved First Article will not serve as a manufacturing standard.

<b>**Item No</b>	<b>**Serve as a Manufacturing Standard</b>
------------------	--

(f) Waivers

<b>***Item No</b>	<b>***Conditions for Waiver</b>
-------------------	---------------------------------

**52.211-14 NOTICE OF PRIORITY RATING FOR NATIONAL DEFENSE USE (SEP 1990)**  
(IAW FAR 11.604(a))

Note: DX or DO rating will be completed on cover page.

**52.247-45 F.O.B. ORIGIN AND/OR F.O.B. DESTINATION EVALUATION (APR 1984)**  
(IAW FAR 47.305-2(b))

**52.247-46 SHIPPING POINT(S) USED IN EVALUATION OF F.O.B. ORIGIN OFFERS (APR 1984)**  
(IAW FAR 47.305-3(b)(4)(ii))

**52.252-1 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE (FEB 1998)**  
(IAW FAR 52.107(a))

This solicitation incorporated one or more solicitation provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available.

The full text of a clause may be accessed electronically at this/these address(es): Regulations URLs: (Click on the appropriate regulation.)

<http://farsite.hill.af.mil/reghtml/regs/far2afmcfars/fardfars/far/far1toc.htm>

<http://farsite.hill.af.mil/reghtml/regs/far2afmcfars/fardfars/dfars/dfar1toc.htm>

[http://farsite.hill.af.mil/reghtml/regs/far2afmcfars/af\\_afmc/affars/affar1toc.htm](http://farsite.hill.af.mil/reghtml/regs/far2afmcfars/af_afmc/affars/affar1toc.htm)

[http://farsite.hill.af.mil/reghtml/regs/far2afmcfars/af\\_afmc/afmcfars/afmc1toc.htm](http://farsite.hill.af.mil/reghtml/regs/far2afmcfars/af_afmc/afmcfars/afmc1toc.htm)

**NOTE:** After selecting the appropriate regulation above, at the "Table of Contents" page conduct a search for the desired regulation reference, using your browser's **FIND** function. When located, click on the **regulation reference** (hyperlink).

#### **PART IV - REPRESENTATIONS AND INSTRUCTIONS** **SECTION M** **EVALUATION FACTORS FOR AWARD**

**EVALUATION COST FACTOR FOR FIRST ARTICLE (OCT 1988)**  
(IAW FAR 9.306(i))

The cost to the Government for first article testing or engineering review and approval of first article test reports (where preliminary Contractor testing is required), as applicable, shall be a factor in the evaluation of this solicitation. The factor to be used in evaluation shall be

<b>Item No</b>	<b>Evaluation cost</b>
<b>**0001</b>	<b>\$500.00</b>

**252.225-7037 EVALUATION OF OFFERS FOR AIR CIRCUIT BREAKERS (APR 2003)**  
(IAW DFARS 225.7006-4(a))

(Applicable when requiring air circuit breakers for naval vessels unless an exception applies or a waiver has been granted).

**52.247-47**                      **EVALUATION-F.O.B. ORIGIN** (JUN 2003)  
(IAW FAR 47.305-3(f)(2), FAR 52.247-47)

(a) The Government normally uses \_\_\_\_\_ methods of transportation by regulated common carrier for shipment within the contiguous United States.

* ITEM NO	MODE OF TRANSPORTATION
0001AC & 0001AD	Surface

# ENGINEERING DATA LIST

REVISION:

\* HISTORY \*

DATE :	12FEB03	DATA TECH :	SSM	ORGN SYMBOL :	LGMPM	PR NR :	APPLICATION:	AN/TPS-75	PAGE	1	OF 1
CAGE:	97942	MANUFACTURER NAME:	REFERENCE NR:			NOUN :		NSN :			
		NORTHROP GRUMMAN CORP	1D20326G01			CABLE ASSEMBLY, SPEC		5995012615166ZR			
CAGE	DRAWING NUMBER	REV	NR SHEETS	NR CARDS	FURN CODE	DIST CODE	NOUN	REQUIREMENTS			
79500	53351CP	/	F	0000	0000	S	RESIN SEALER				
97942	1D20326	/	E	0000	0000	S	CONTROL PANEL CABLE				
97942	PL1D20326	/	E	0000	0000	S	PART LIST				
97942	128C583	/	J	0000	0000	S	PIN CONTACT				
97942	138C579	/	K	0000	0000	S	CONNECTOR PLUG				
97942	138C706	/	J	0000	0000	S	CONTACT SET				
97942	397R067	/	D	0000	0000	S	SPLICE JUNCTION				
97942	PL397R067	/	D	0000	0000	S	PART LIST				
97942	397R099	/	A	0000	0000	S	WOVEN CABLE				
97942	PL397R099	/	A	0000	0000	S	PART LIST				
97942	397R225	/	B	0000	0000	S	ASSEMBLY TWISTED WIRE				
97942	397R282	/		0000	0000	S	CONTACT				
97942	582R369	/	T	0000	0000	S	CABLE				
97942	PS83869GA	/	J	0000	0000	S	MARK INSULATION				
98747	OO-ALC FORM 462 (ATTACHMENT A)	/		0000	0000	X	ENGINEERING DATA REQUIREMENTS				

## STANDARD ENGINEERING TEXT

ALL GOVERNMENT/MILITARY SPECIFICATIONS AND STANDARDS WILL NOT BE FURNISHED.  
TO OBTAIN THESE SPECS AND STDS WRITE TO:

DODSSP  
BUILDING 4/SECTION D  
700 ROBINS AVE.  
PHILADELPHIA PA. 19111-5098  
TELEPHONE: (215) 697-2179  
FAX: (215) 697-1462 TO VIEW OR ORDER: HTTP://WWW.DODSSP.DAPS.MIL

## ENGINEERING DATA LIST REMARKS

FURNISHED METHOD CODE LEGEND:

C - CLASSIFIED DOCUMENT.  
S - FURNISHED WITH SOLICITATION.  
M - STABLE BASE DRAWING REQUIRED;  
FURNISHED WITH CONTRACT AWARD.  
X - DATA SUPPLIED (NOT IN EDCARS).  
R - FURNISHED BY PCO UPON REQUEST.  
P - PARTIAL DOCUMENT FURNISHED.  
V - VENDOR DRAWING;  
(NOT PROVIDED).  
G - GOV'T DOCUMENT.  
O - OTHERS, CONTRACTOR  
MUST ACQUIRE.  
A - DATA NOT  
AVAILABLE.

REV:		<b>ENGINEERING DATA REQUIREMENTS</b> (ATTACHMENT "A")	
NOTE: MILITARY SPECIFICATIONS I/STANDARDS WILL NOT BE FURNISHED IN THE BID SET.			
1. THE FOLLOWING INSTRUCTIONS ARE FURNISHED FOR THE MANUFACTURE OF <b>CONTROL PANEL CABLE</b>			
2. PART NUMBER <b>1D20326G01</b>		3. NATIONAL STOCK NUMBER <b>5995-01-261-5166ZR</b>	
4. THE FOLLOWING SPECIFICATIONS/STANDARDS, ETC., WILL BE USED IN LIEU OF THE DATA INDICATED. THE SUPERSEDED DATA WILL NOT BE FURNISHED UNLESS SO INDICATED. <p>a. OO-ALC/LH system engineer retains all rights to review and accept discrepant item prior to shipment. Any deviation, minor and/or major from the engineering drawing package will be submitted for engineering review and disposition.</p> <p>b. Prior to contract award, the contractor will certify to the government in writing full compliance with manuals, specifications, and standards called out and required for the manufacture of this contracted component/assembly. Contractor is responsible to completely search these manuals, specifications, and standards and fully understand the requirements necessary to manufacture components.</p> <p>5. In all references, use the latest revision of the Military Specifications and Standards.</p>			
PREPARED BY <b>STEPHEN B. MAXWELL</b>		SYMBOL <b>LGMPM</b>	DATE <b>20030212</b>

(1 Data Item)

*Form Approved*

OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ OTHER <u>X</u>
---------------------------	------------	---

D. SYSTEM/ITEM Control Panel Cable	E. CONTRACT/PR NO. FD2020-03-25710	F. CONTRACTOR
---------------------------------------	---------------------------------------	---------------

1. DATA ITEM NO. A001	2. TITLE OF DATA ITEM First Article Qualification Test Plan	3. SUBTITLE
--------------------------	--	-------------

4. AUTHORITY (Data Acquisition Document No.) DI-NDTI-81307	5. CONTRACT REFERENCE	6. REQUIRING OFFICE OO-ALC/LHYS
---	-----------------------	------------------------------------

7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED  D	10. FREQUENCY 1 TIME	12. DATE OF FIRST SUBMISSION BLK 16	14. DISTRIBUTION			
8. APP CODE N/A		11. AS OF DATE BLK 16	13. DATE OF SUBSEQUENT SUBMISSION BLK 16	a. ADDRESSEE		b. COPIES	
						Draft	Final
						Reg	Repro

[illegible]

**17. PRICE GROUP**

DATA ITEM DESCRIPTION			Form Approved OMB No. 0704-0188	
<p>Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.</p>				
1. TITLE			2. IDENTIFICATION NUMBER	
First Article Qualification Test Plan			DI-NDTI- 81307	
3. DESCRIPTION/PURPOSE 3.1 To establish test procedures, test equipment, and the inspection criteria that will be used by the contractor for first article qualification.				
4. APPROVAL DATE (YYMMDD) 930125	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR) G/V		6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE
7. APPLICATION/INTERRELATIONSHIP 7.1 This Data Item Description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.  7.2 This DID supersedes DI-T-5315A.				
8. APPROVAL LIMITATION		9a. APPLICABLE FORMS		9b. AMSC NUMBER G6883
10. PREPARATION INSTRUCTIONS 10.1. <u>Content</u> . This test plan shall include the following: <ul style="list-style-type: none"> <li>a. Purpose of test.</li> <li>b. Applicable documents.</li> <li>c. Description of units to be tested.</li> <li>d. Test description to include the following:               <ul style="list-style-type: none"> <li>(1) Step-by-step procedures which are to be followed by the operator when performing each test.</li> <li>(2) Define readings to be taken, settings to be used, and description of the test equipment, including commercial identification.</li> </ul> </li> </ul> 10.2 <u>Format</u> . The plan may be submitted in the contractor's format.				
(Continued on Page 2)				
11. DISTRIBUTION STATEMENT  DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.				

10.

Block 10, Preparation Instructions (Continued)

10

(3) Drawings, schematics, photographs, etc., of noncommercial fixtures and testers necessary for test evaluation

e. Inspection criteria that defines the minimum performance requirements that the unit under test must meet in order to be considered acceptable to the Government. This shall include, as a minimum, worst case prime power inputs, worst case signal level and timing inputs, and signal level and timing outputs.



Form Approved  
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY:
		TDP _____ TM _____ OTHER <u>X</u>

D. SYSTEM/ITEM Control Panel Cable	E. CONTRACT/PR NO. FD2020-03-25710	F. CONTRACTOR
---------------------------------------	---------------------------------------	---------------


1. DATA ITEM NO. A002	2. TITLE OF DATA ITEM TEST/INSPECTION REPORT	3. SUBTITLE
--------------------------	---	-------------

4. AUTHORITY (Data Acquisition Document No.) DI-NDTI-81307	5. CONTRACT REFERENCE	6. REQUIRING OFFICE OO-ALC/LHYS
---	-----------------------	------------------------------------

7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED  D	10. FREQUENCY 1 TIME	12. DATE OF FIRST SUBMISSION BLK 16	14. DISTRIBUTION			
8. APP CODE N/A		11. AS OF DATE BLK 16	13. DATE OF SUBSEQUENT SUBMISSION BLK 16	a. ADDRESSEE		b. COPIES	
						Draft	

[illegible]

17. PRICE GROUP	
18. ESTIMATED TOTAL PRICE	

G. PREPARED BY 	H. DATE 21 Jul 03	I. APPROVED BY	J. DATE
---	----------------------	----------------	---------

# DATA ITEM DESCRIPTION

Form Approved  
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and comparing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0180), Washington, DC 20503.

## 1. TITLE

TEST/INSPECTION REPORT

## 2. IDENTIFICATION NUMBER

DI-NDTI-80809B

## 3. DESCRIPTION/PURPOSE

3.1 The test/inspection report is used to document test/inspection results, findings, and analyses that will enable the government or contracting agency to evaluate compliance with system requirements, performance objectives, specifications, and test/inspection plans.

## 4. APPROVAL DATE (YYMMDD)

970124

## 5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)

F/AFMC-DOP

## 6a. DTIC APPLICABLE

## 6b. GIDEP APPLICABLE

## 7. APPLICATION/INTERRELATIONSHIP

7.1 This data item description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.

7.2 This DID is applicable to engineering (developmental), preliminary qualification, qualification, and acceptance testing.

7.3 This DID supersedes DI-NDTI-80809A and DI-MISC-80653.

## 8. APPROVAL LIMITATION

## 9a. APPLICABLE FORMS

## 9b. AMSC NUMBER

F7231

## 10. PREPARATION INSTRUCTIONS

10.1 Format. Contractor format is acceptable. Organize the information required by paragraph 10.2 and its subparagraphs in a manner that facilitates presentation and understanding

10.2 Content. The test/inspection report shall contain the following information, as applicable.

- 10.2.1 Cover and title page. The following information shall appear on the outside front cover and title page:
- Report date.
  - Report number (contractor or government)
  - Contractor's name, address, and commercial and government entity code.
  - Contract number and contract line item number or sequence number (if applicable).
  - Type of test/inspection (for example, first article acceptance test, quality conformance inspection, developmental test, qualification test, environmental test).
  - Identification of item tested/inspected.
  - Date or period of test/inspection.
  - Name and address of requiring government activity.
  - Security classification, downgrading and declassifying information, if applicable.

(Continued on page 2)

## 11. DISTRIBUTION STATEMENT

DISTRIBUTION STATEMENT A: APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED.

Block 10, Preparation Instructions (continued)

10.2.2 Table of contents. The table of contents shall identify the following:

- a. The title and starting page of each major section, paragraph, and appendix of the report.
- b. The page, identifying number, and title of each illustration (for example; figure, table, photograph, chart, and drawing).

10.2.3 Introduction. The introduction shall include the following information:

10.2.3.1 Test/inspection objective(s). The specific test/inspection objective(s) as specified in the contract tasking document.

10.2.3.2 Item(s) tested/inspected. Complete identification of the item(s) tested/inspected including the following:

- a. Nomenclature.
- b. National stock number.
- c. Model number, part number, and serial number
- d. Type of item (for example, prototype, production item, laboratory model).
- e. Serial or lot number.
- f. Applicable engineering changes.
- g. Production item specification, if applicable.
- h. Date of manufacture.

10.2.3.3 Test/inspection requirements. Complete identification of the test/inspection requirements correlated to contractual requirements including the following:

- a. Required test/inspection parameters.
- b. Performance requirements, acceptance or compliance limits, and environmental criteria.

10.2.4 Summary. Complete test/inspection report summary including the following:

- a. A brief discussion of the significant test/inspection results, observations, conclusions, and recommendations covered in greater detail elsewhere in the report.
- b. Proposed corrective actions and schedules for failures or problems encountered.
- c. Identification of deviations, departures, or limitations encountered, referenced to the contract requirements.
- d. Tables, graphs, illustrations, or charts as appropriate to simplify the summary data.

10.2.5 Reference documents. Complete identification of all documents referenced in the test/inspection report including the following, as applicable:

- a. Prior test/inspection reports on the same item.
- b. Test/inspection plans and procedure documents.
- c. Prior certifications of compliance.
- d. Contractor's file designation where test/inspection records are maintained.
- e. Input parameters used.

The applicable issue of the documents cited therein, including their approval dates and dates of any applicable amendments, notices, and revisions, shall be 10.2.6 Body of report. The body of the test/inspection report shall be as follows:

10.2.6.1 Test equipment identification. Complete identification of each item of test equipment used in the test/inspection including the following:

- a. Nomenclature.
- b. Model number.
- c. Serial number.
- d. Manufacturer.
- e. Calibration status.
- f. Accuracy data.
- g. Comments, if applicable.

10.2.6.2 Test/inspection facility installation and set-up. Complete description of the physical set-up used in conducting the test/inspection to include the following:

- a. Location or orientation of the item.
- b. Location, orientation, or settings of test equipment and instrumentation.
- c. Location, orientation, or settings of sensors and probes.
- d. Location or orientation of interconnections, cables, and hoop-ups.
- e. Electrical power, pneumatic, fluidic, and hydraulic requirements.

Drawings, illustrations, and photographs may be used for clarification.

10.2.6.3 Test/inspection procedures. Complete description of the procedures used in conducting the test/inspection to include the following:

- a. Item selection and inspection that verified suitability for test/inspection.
- b. Summarized sequence of testing/inspection steps, including a description of how the item was operated during the test/inspection, and any control conditions imposed.

10.2.6.4 Test/inspection results and analysis. A copy of all test/inspection results and analysis to include the following:

10.2.6.4.1 Recorded data. The actual recorded data (for example, log book entries, oscillographs, instrument readings, plotter graphs). If the recorded data is extensive, provide it in an appendix.

10.2.6.4.2 Test/inspection results. Identification of all test/inspection results to include the following:

- a. Matrices comparing results achieved against test/inspection objectives or requirements.
- b. A discussion of these matrices as to their significance, and how they compare to any prior test/inspections.
- c. Calculation examples.
- d. Discussion of anomalies, deviations, discrepancies, or failures, including their impact, causes, and proposed corrective actions. The discussion shall address discrepancies between design requirements and the tested/inspected configuration.

10.2.6.5 Conclusions. Test/inspection conclusions distinguished between objective and subjective to include the following:

a. The effectiveness of the test/inspection procedures in measuring item performance.

- b. The success or failure of the item to meet required test/inspection objectives.
- c. The need for repeat, additional, or alternative tests/inspections.
- d. The need for item redesign or further development.
- e. The need for improved test/inspection procedures, techniques, or facilities.
- f. The adequacy and completeness of the test/inspection requirements.

10.2.6.6 Recommendations. Recommendations appropriate to the test/inspection results and conclusions including the following:

- a. Acceptability of the item tested/inspected (pass or fail).
- b. Additional testing/inspection required.
- c. Redesign required.
- d. Problem resolution.
- e. Test/inspection procedure or facility improvements.
- f. Disposition of items tested/inspected.
- g. Documentation changes required.
- h. Testing/inspection improvements.

10.2.7 Authentication. The following certifications shall be included, as applicable:

10.2.7.1 Authentication of test/inspection results. A statement that the test/inspection was performed in accordance with applicable test/inspection plans and procedures, and that the results are true and accurate. The authentication shall include the signature of the contractor personnel that performed the test(s)/inspection(s), a contractor representative authorized to make such certification, and any government witnesses.

10.2.7.2 Authentication of prior validation. A statement identifying those requirements not tested/inspected or measured that were previously validated. Include identification of the data and method employed for such validation (for example, prior test/inspection, analytical verification, equivalent item, and so on). The authentication shall include the signature of a contractor representative authorized to make such authentication and any government witness.

10.2.7.3 Authentication of acceptability. A statement that the item tested/inspected either passed or failed item acceptability requirements. This authentication shall include the signature of a contractor representative authorized to make such authentication and any government witness.

10.2.8 Appendices. Appendices shall be used to append detailed test/inspection data, drawings, photographs, or other documentation too voluminous to include in the main body of the report. This includes referenced documentation not previously provided by the government, and test/inspection reports from any associated test/inspection activity that may have performed some of the testing/inspecting requirements.

End of DI-80809